

FIG. 1

Genotype	Lines Crossed (approx.)
wM1 male	40
wL1 male	90
wM1 female	85
wL1 female	125

77

Figure 3 is a line graph showing the levels of corticosterone (pg/ml) over a 24-hour period for two groups of male rats: WLI (solid line with diamond markers) and WMJ (dashed line with square markers). The y-axis represents corticosterone levels in pg/ml, ranging from 0 to 350. The x-axis represents time in hours, from 8:00 to 8:00. Both groups show a peak in corticosterone levels around 21:00-22:00. The WMJ group generally has higher corticosterone levels than the WLI group, especially during the night. Error bars are present for each data point.

Time	WLI male (pg/ml)	WMJ male (pg/ml)
8:00	~20	~20
9:00	~20	~20
10:00	~20	~20
11:00	~20	~20
12:00	~20	~20
13:00	~20	~20
14:00	~20	~20
15:00	~20	~20
16:00	~20	~20
17:00	~20	~20
18:00	~20	~20
19:00	~20	~20
20:00	~20	~20
21:00	~20	~20
22:00	~20	~20
23:00	~20	~20
24:00	~20	~20
1:00	~20	~20
2:00	~20	~20
3:00	~20	~20
4:00	~20	~20
5:00	~20	~20
6:00	~20	~20
7:00	~20	~20
8:00	~20	~20

FIG. 3

FOOT 222200T

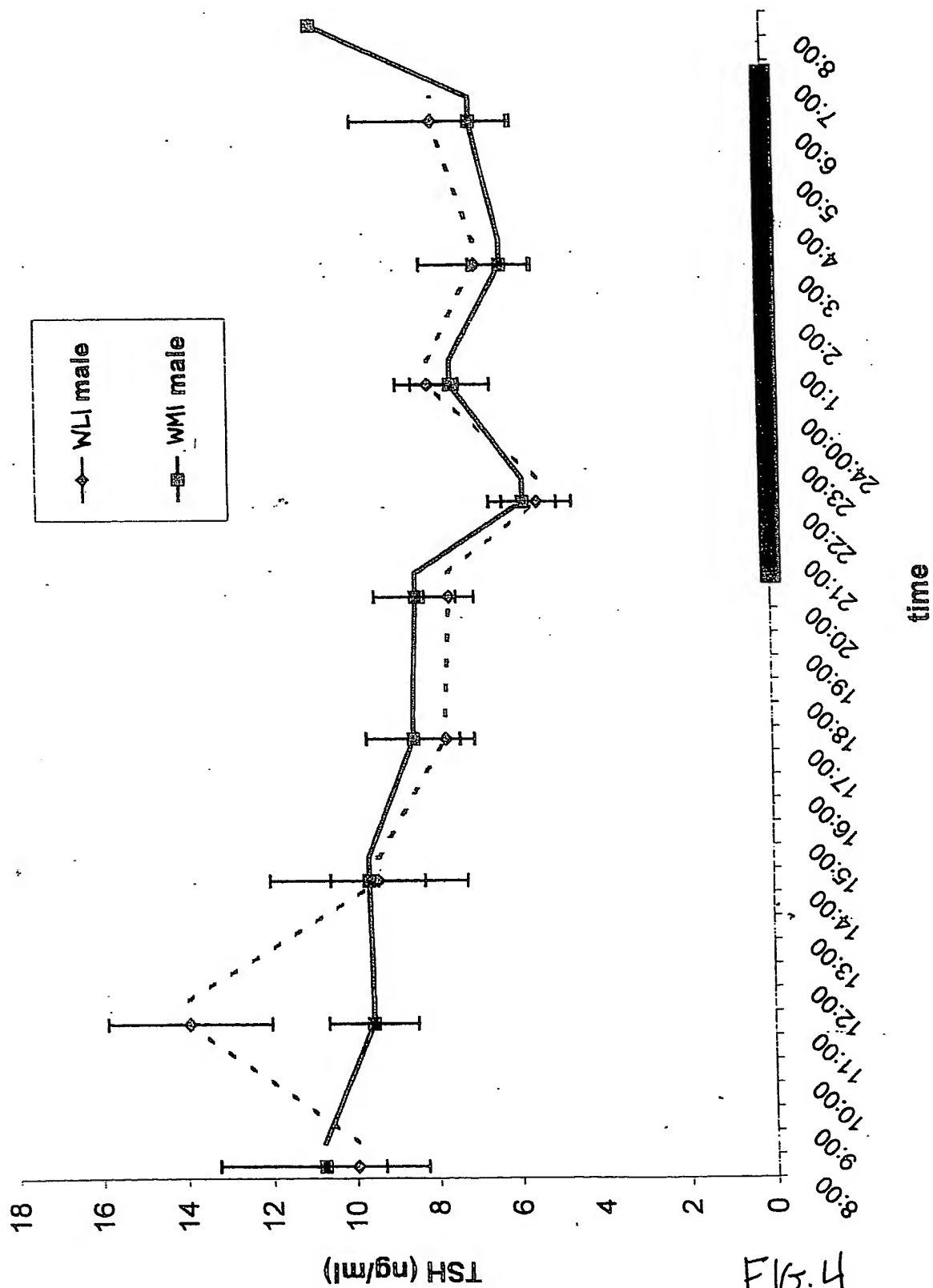


FIG. 4

TOP SECRET

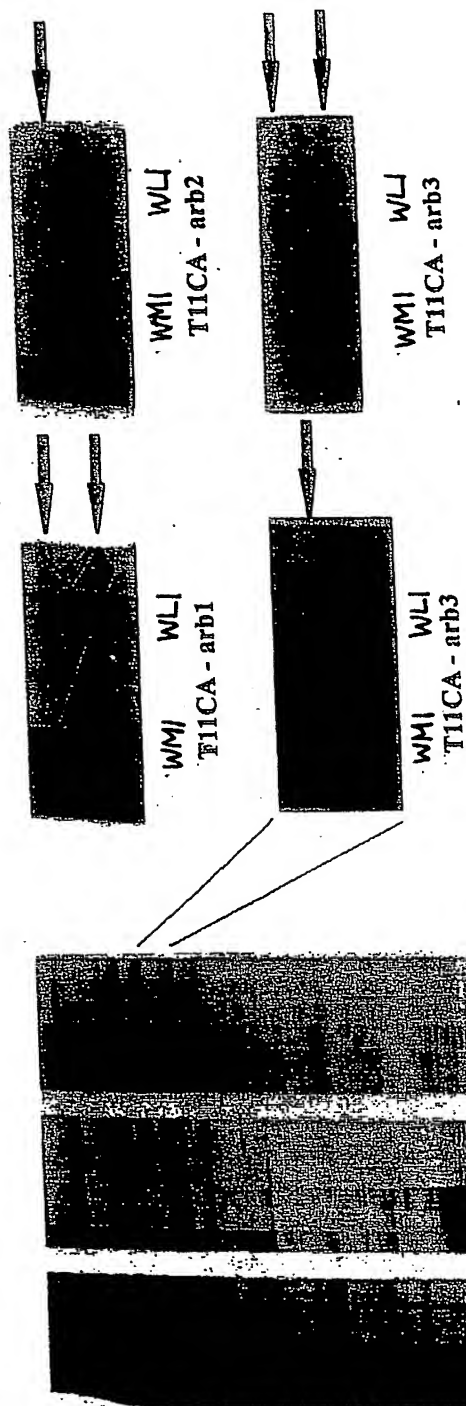


FIG. 5

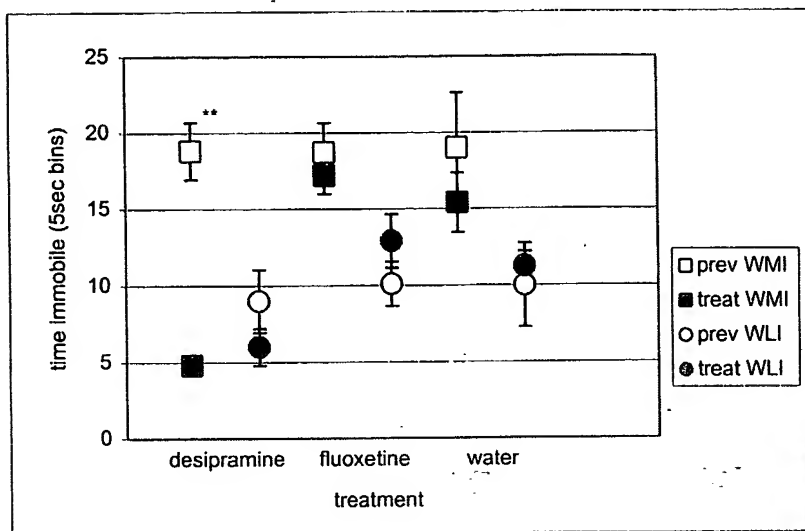


FIG. 6

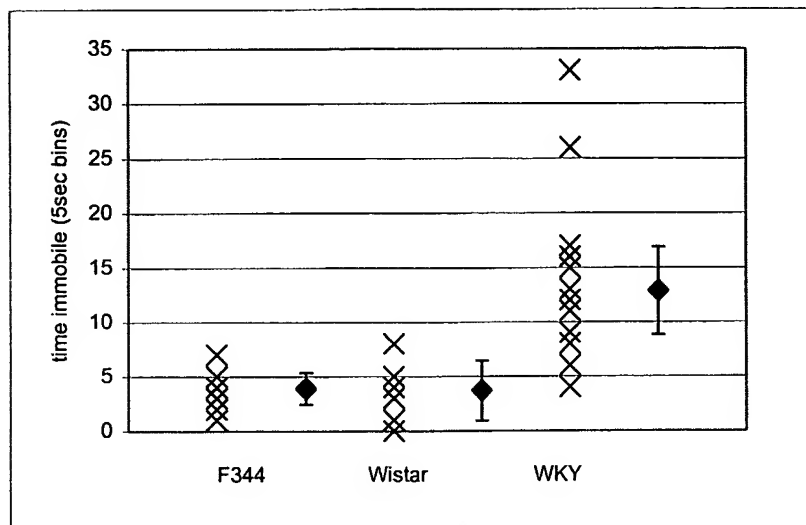


FIG. 7

**FIG. 8A**

1	ggtagccact	ttggácttat	cttcaagaat	gtgacatttg	tggtaatatt	ctttgcttcc
61	ccatggcctc	accgtgccac	aacagtgtta	cgtgtttgac	actcactgct	tgtgcaccca
121	tcacttctga	tgtatggcag	ttttgggtca	ataagatat	agtattactt	tgactttgac
181	ttgtgagtct	aggttaaaat	cattcggagg	attttttatt	ctccgaggtc	acccaacccg
241	aaatttttta	gttcataatt	attttgtttt	agcccatatg	gttggtttta	tataattgaa
301	ctagtaaat	aaagctccat	agggttctc	cgtcttattg	ggagattcca	gcctcttcac
361	tggaaggcca	atttcactga	ttgaaagtaa	gagacagttg	aaccctcgtt	tagccattca
421	ttctagtccc	taattaaagga	acaagtgatt	atgctacctt	tgcacggcca	ggataccgcg
481	gccgtttaac	tttagtcact	gggcaggcaa	tgctctaata	cttggtatgc	tagaggtatg
541	tttttggtaa	acaggcgggg	ttcatgtttg	ccgagttcct	tttacttttt	aatctttcct
601	taaagcacgc	ctgtgttggg	ctaacgagtt	agggataggt	aattctattg	ttgggttagt
661	acctatgatt	cgataattga	caatgggtat	ccgggttgtc	atacacttgt	gctaggagag
721	gcaatgggaa	cctgcgagct	gcagaacgag	ctagtgtcag	ccgaaggccg	gaaccggaag
781	gcggtgctgt	gccagcgttg	tggctctcgg	gtgctgcagc	cagggactgc	tcttttctct
841	cgccggcagc	ttttcctccc	ctccatgagg	aagaagccgg	atctggtgga	cggcagcaat
901	cctgatggtg	atgtcctcga	ggaacactgg	ctgggttaatg	acatgttcat	ctttgagaac
961	gtggggctta	ccaaggacgt	gggcaacgtc	aagtttctag	tctgtgcaga	ctgtgagatt
1021	ggacccattg	gctggcattg	cctagatgac	aagaacagct	tctatgtggc	cttggagcga
1081	gtttccacg	agtaactgag	gggtttggga	cttggctcca	ccctagctat	aaagctctgc
1141	ccacaagaac	cgacactgat	gtgtcagcag	tgctggcaga	cttcttggta	ctaataaag
1201	caccggtgtt	tgcccttgaa	cttgcagagg	gccggtcctg	tttcctcagg	cctcagagca
1261	tgtctcctac	ttagtcctct	ctgtcacatg	tgtcctagag	ccctttcccc	tgacttggaa
1321	catggaagaa	cacgcgagtg	ctctaccagt	gtagtctggg	tccggcactc	tgctccgca
1381	cctcgatgcc	aagctctctt	cttctcagca	agaacaacat	tcactcttag	ccatcacgac
1441	gggaactaag	atgctaatat	ttgaaactcc	acctttcttc	attctagaag	ccaagtgtga



FIG. 8B

1501	taggggtgcac	atctgtaatc	ctaggtcttg	agtgggtaga	ggcaggaaga	tcaggagttc
1561	aagggcagcc	ttagctacat	agactgggcc	aagtgagatg	ttgtctcaaa	aaacataaag
1621	catacaagta	tttgagagta	atctcatgtg	atgtgacctg	cttatctaca	gtaatttatt
1681	ctttttaaaa	gtaaaacatt	tacagatgtc	agtatttaaa	cctcacttta	gatacatttt
1741	tagtactgtg	tttgagagcc	ttttttccgg	gtcaatagtg	gcattttata	atgaggacga
1801	acacgactcc	tcttccctca	gatcttgatc	aggtttctct	ttttagtcat	tccttgcccc
1861	tgatgtcaac	cctaaggaaa	actcagccct	agctgtgtgc	cagactctct	tgtaaacctg
1921	ttccacggac	atctctattg	ttatggacaa	ggtgttacct	tttcttatta	ttagccaact
1981	ttaatcttca	atatgatttc	cagttactct	gtcattttct	ttctggagtg	actcagtagc
2041	ttaaaaggac	tctgtgtaaa	caggttcaaa	tactgtgtca	tcatccccct	ctctgagggc
2101	ctaaattgag	ataagtagag	acttcattat	tcctcatgcc	agagcttagg	aagtgggggc
2161	agatcaagag	ttcaagggtca	gcctcagtta	ctataatatc	aaattcaagg	ccagcctgtg
2221	ctatggagat	cttggtttcaa	atgaacaaaa	cacaaaaata	acaagtagga	cctgcaaaaag
2281	tgacacgtag	ttaaaaatgt	ttgctgctct	ttcaggcgac	ctgagttcag	gaccttgcac
2341	cctcatggga	ggtttattcc	agttcaagga	gatctgcgcc	ttctgggtccc	tgcagatgcc
2401	ttcatgtgtg	tggcaccccat	acaacacaagt	gagcacactc	gcgtacacac	acacacacgc
2461	acgcacgcac	gtgaataaaa	atttacaaa	aaaaaaaaaa		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

FIG. 9

1 ccggctgcgg cgatggaacc agcggacgag ccgagcgagt tagtgtcagc cgagggccga  
 61 aaccggaagg cggctgctgtg ccagcgttgc ggctcccggg tgctgcagcc agggaccgct  
 121 ctcttctctc gccgacagct tttccttccc tccatgagaa agaagccagc tctgtctgac  
 181 ggcagcaatc ctgacggcga tctcctccag gaacactggc tggttgagga catgttcatt  
 241 ttgagaatg tgggcttcac caaggacgtg ggcaacatca agtttctggt ctggcagac  
 301 tgtgaaattg gaccaattgg ctggcattgc ctagatgaca agaacagttt ctatgtggcc  
 361 ttggaacgag ttcccatga gtaactgagg ggaggggtac tcagctccat ctccaaagat  
 421 aaacctactc ccacaagaa ctggccttta atgtggtata actgttccgc tgccttcttg  
 481 tctgtgtgct aatataaata ctgagtacca gcatgtccat ttgaaacatgc aaagggttaa  
 541 tcctgcttcc taaagcctca agtacatgcc tcctgcttag ttcactttgt atcacatttc  
 601 ctaagctccc tttccccca gttttgggac actgtgctta cctccaaaaa tctcatctct  
 661 tccctggcat tctccctagg ctctgttttg ccagggctc ccgctttttc ttgctctaga  
 721 ggagcagtat tcaacctttt agctatgatg acacataaca aaagatgttt atgtactaat  
 781 agttgaaatc tgcctttttc tcattcaaga aggcatacaa atatctgaga gtgactttgt  
 841 tgtatggcta cccttgtgat ctacagtaat ttattcttcc taaaagtaaa gcattctcaa  
 901 aacaaaaaaa aaaaaaaaaa gg

FIG. 10

1 gcgaagctta gagcgtaac cttttaagtt aaagttagag acaacaaatc tccacaatga  
 61 catgccacaa ctagacacat ccacatgatt tattacaatc atctcctcaa tagccacact  
 121 atttatttta tttcaattaa aaatttcttc ccaaaccttt cctgcacctc cctcacccaa  
 181 aactatagcc acagaaaaaa cgaataaacc ttgagaatca aaatgaacga aatctatatt  
 241 gcctctttca ttaccccccac aataataggt ctaccaattg ttgtgaccat tattatgttc  
 301 ccatcaattc tattcccatc atcagaacgc ctaatcagca accgactaca ctcatattcaa  
 361 cactgactaa tcaaacttat catcaaacaa ataatgttaa tccacacacc aaaaggacga  
 421 acctgagccc taataattgt atccctaatt atatttattg gctcaaccaa ctttctaggg  
 481 cttcttcccc atacatttac ccctaccact cagctatcta taaacctaaag catagccatc  
 541 ccctatgag caggagccgt aattctaggc ttccgacaca aactaaaaaa ttcttttagcc  
 601 cactctcac cgcaagggaac ccccatctca ctaattccca tactaatcat catcgaaact  
 661 atcagcctat ttattcaacc gatagcacta gcagtaacga taacagcaaa cattacagca  
 721 ggccatctat taatgcattt aatcggagga gctaccctag tacttataga catcagccca  
 781 ccaaccgcta caattacatt tattattcta ctttactta cagtactga atttgccgta  
 841 gccttaattc aagcctatgt attcaccctt ctagtaagcc tgtacctaca tgataacaca  
 901 taatgaccca ccaaaccat gcataccata tagtaaaccc aagcccatga ccactaacag  
 961 g

FIG. 11

1 atgaacgaaa atctgttcgc ttcatctatt gccccacaa tcctaggcct acccgccgca  
61 gtactgatca ttctatttcc ccctctattg atccccacct ccaaatatct catcaacaac  
121 cgactaatca ccaccaaca atgactaatc aaactaacct caaaacaaat gataaccata  
181 cacaacacta aaggacgaac ctgactctctt atactagtat ccttaatcat ttttattgcc  
241 acaactaacc tcctcggact cctgcctcac tcatttacac caaccaccca actatctata  
301 aacctagcca tggccatccc cttatgagcg ggcgcagtga ttataggctt tcgctctaag  
361 attaaaaatg ccctagccca cttcttacc caaggcacac ctacacccct tatccccata  
421 ctagtattta tcgaaacccat cagctactc attcaaccaa tagccctggc cgtacgccta  
481 accgctaaca ttactgcagg ccactactc atgcacctaa ttggaagcgc caccctagca  
541 atatcaacca ttaaccttcc ctctacactt atcatcttca caattctaata tctactgact  
601 atcctagaaa tcgctgtcgc cttaatccaa gcctacgttt tcacacttct agtaagcctc  
661 tacctgcacg acaacacata a